

FIG. 1

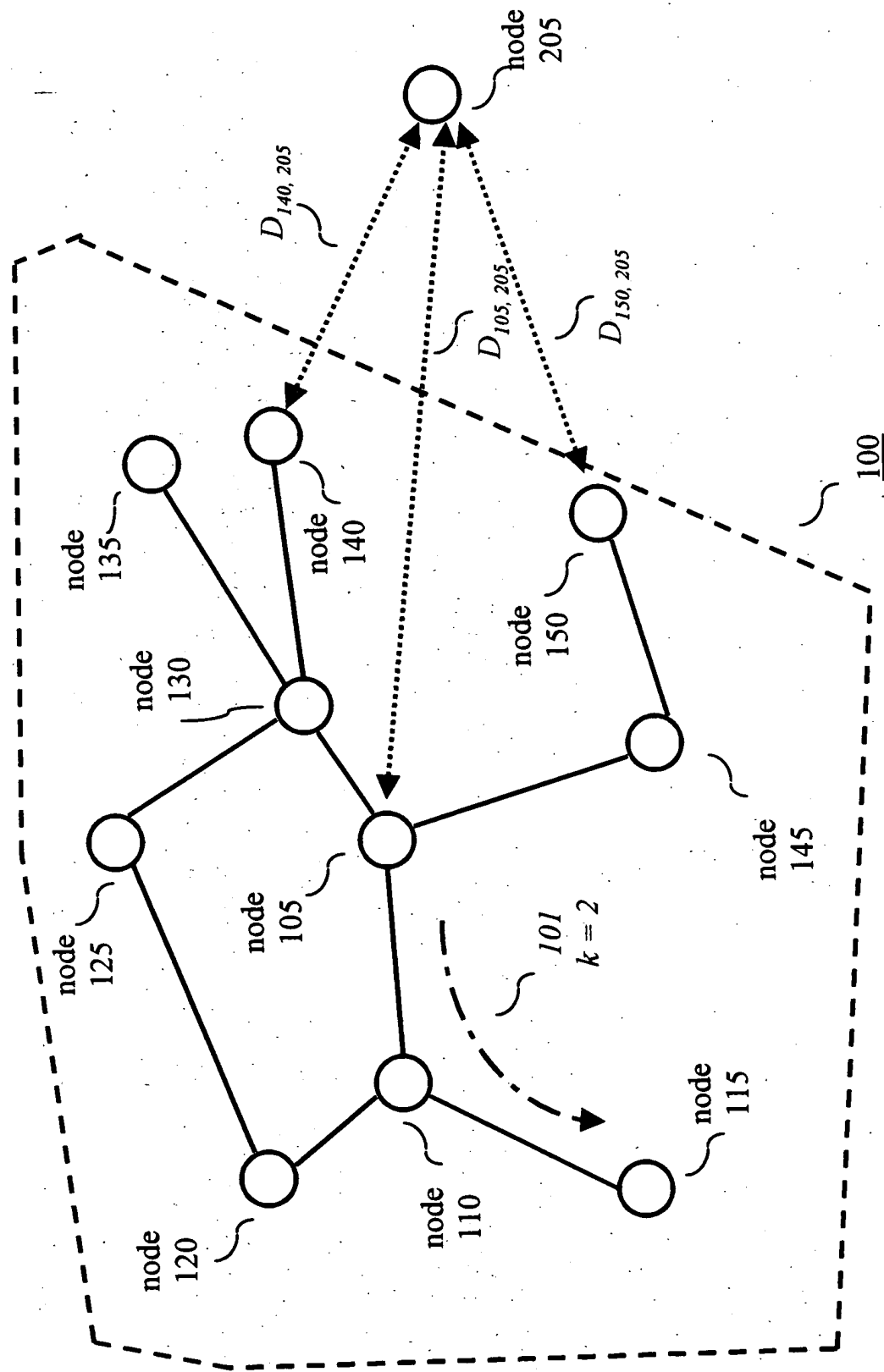


FIG. 2

Local Topology Table  
[ $S^2(105)$ ]

Destination Node in Local Topology	Next Hop Node in Local Topology	Number of Hops
node 110	node 110	1
node 115	node 110	2
node 120	node 110	2
node 125	node 130	2
node 130	node 130	1
node 135	node 130	2
node 140	node 130	2
node 145	node 145	1
node 150	node 145	2

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FIG. 3

Location Table

Node	Location
node 105	<i>l(105)</i>
node 110	<i>l(110)</i>
node 115	<i>l(115)</i>
node 120	<i>l(120)</i>
node 125	<i>l(125)</i>
node 130	<i>l(130)</i>
node 135	<i>l(135)</i>
node 140	<i>l(140)</i>
• • •	
node 205	<i>l(205)</i>

FIG. 4

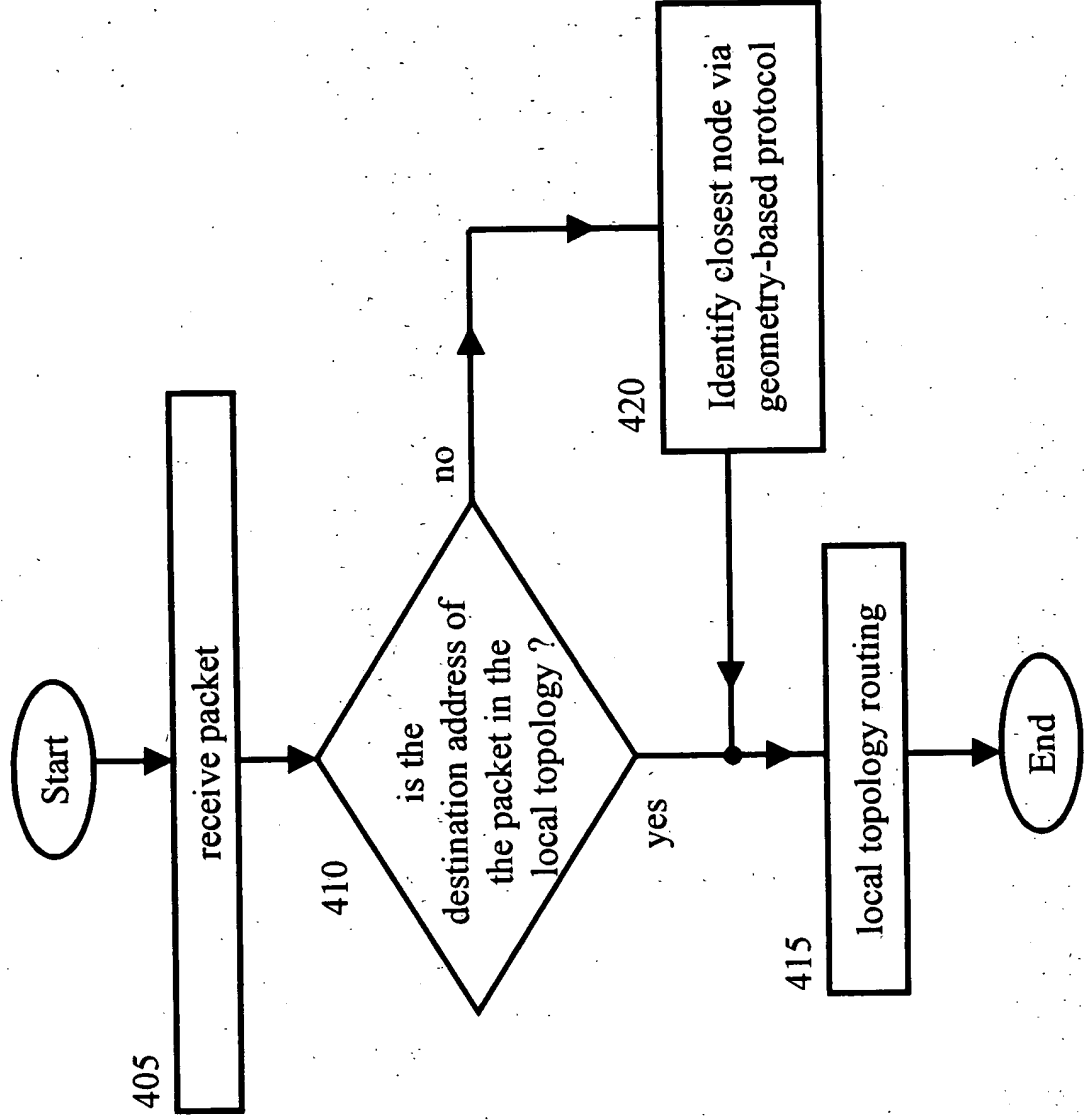


FIG. 5

Routing Table

Destination Node	Next Hop Node in Local Topology
node 110	node 110
node 115	node 110
node 120	node 110
node 125	node 130
node 130	node 130
node 135	node 130
node 140	node 130
node 145	node 145
node 150	node 145
...	
node 205	node 130

FIG. 6

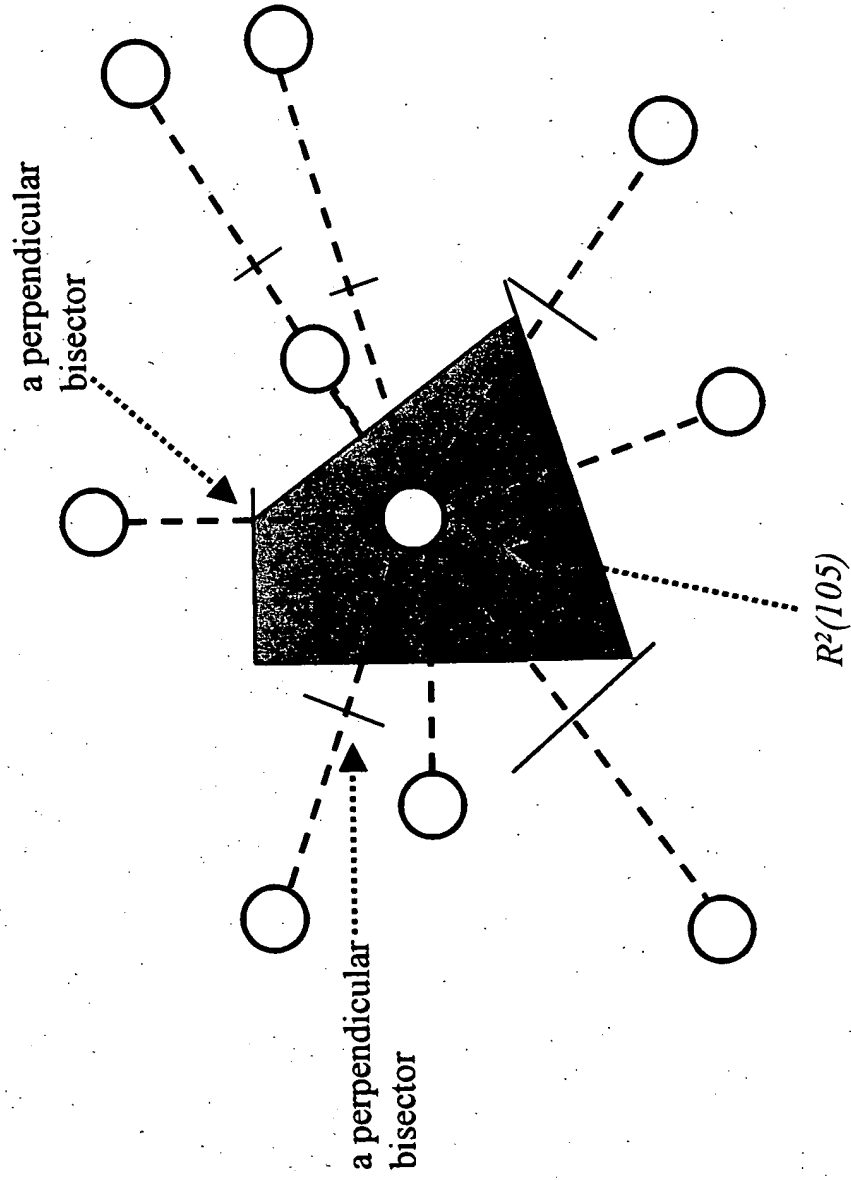


FIG. 7

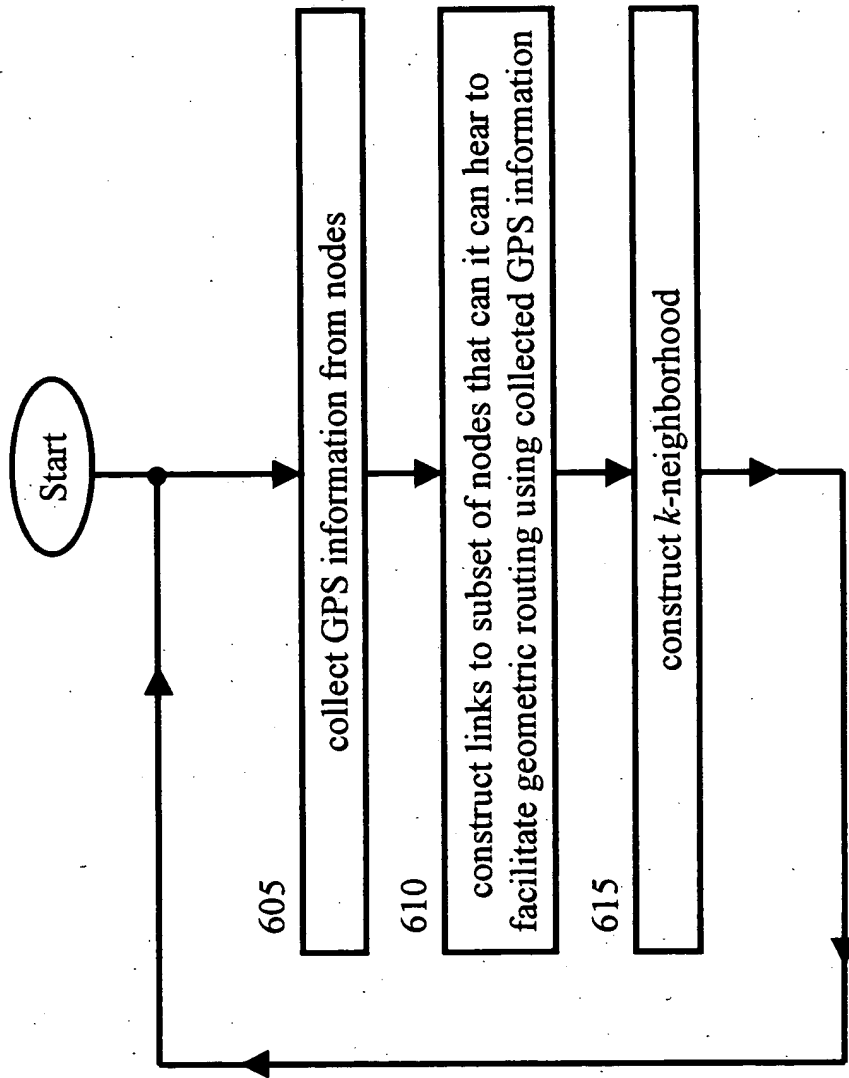


FIG. 8

Direct Neighbor Table

node 110
node 130
node 145

FIG. 9

Location Table

Node	Location	Time Stamp
node 105	$p(105, 105)$	$s(105, 105)$
node 110	$p(105, 110)$	$s(105, 110)$
node 115	$p(105, 115)$	$s(105, 115)$
node 120	$p(105, 120)$	$s(105, 120)$
node 125	$p(105, 125)$	$s(105, 125)$
node 130	$p(105, 130)$	$s(105, 130)$
node 135	$p(105, 135)$	$s(105, 135)$
node 140	$p(105, 140)$	$s(105, 140)$
• • •		
node 205	$p(105, 205)$	$s(105, 205)$

FIG. 10

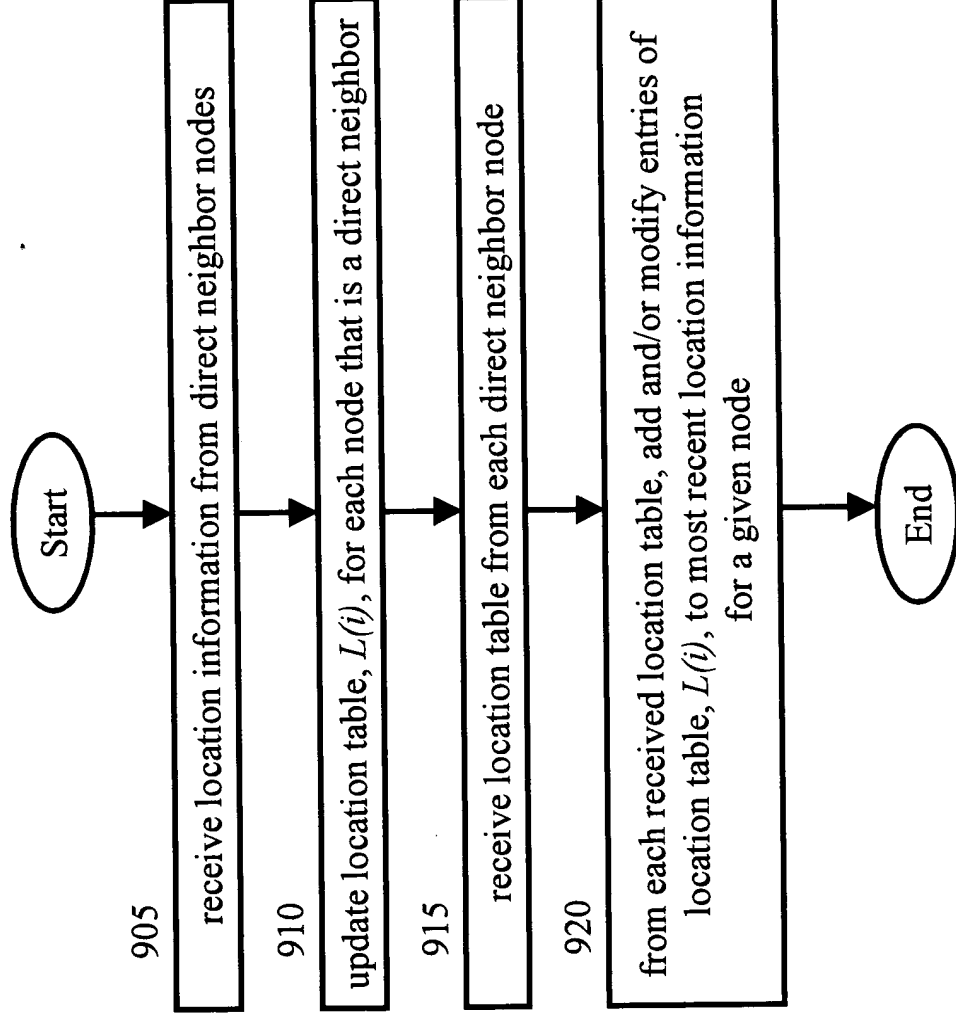


FIG. 11

